We Claim:

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A ball tossing apparatus, comprising:

a support frame; and

a plurality of launch devices fixed to said support frame, said launch devices arranged in a two-dimensional array.

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2. A ball tossing apparatus according to Claim 1, wherein at least one of said launch devices comprises:

a biasing member for projecting said ball from said launch device; and a release device for retaining said biasing member in a loaded position, and for releasing said biasing member to project said ball.

- 3. A ball tossing apparatus according to Claim 2, wherein said biasing member comprises at least one spring.
- 4. A ball tossing apparatus according to Claim 3, wherein said at least one launch device comprises a cylinder having a coil spring disposed therein.
- 5. A ball tossing apparatus according to Claim 4, wherein said at least one launch device further comprises a carrier coupled to said coil spring.

- 1 6. A ball tossing apparatus according to Claim 5, wherein each said carrier further
- 2 includes at least one engaging structure adapted to engage said release device.
- 7. A ball tossing apparatus according to Claim 6, wherein said carrier further includes a plurality of said engaging structures, thereby facilitating multiple loaded positions of said carrier.
  - 8. A ball tossing apparatus according to Claim 4, wherein said at least one launch device further includes a cup, having a conical interior surface, coupled to said coil spring for carrying balls of varying diameters.
  - 9. A ball tossing apparatus according to Claim 8, wherein said conical interior surface of said cup comprises a plurality of stepped rings.
  - 10. A ball tossing apparatus according to Claim 1, wherein said launch devices are disposed to launch said balls substantially vertically.
- 1 11. A ball tossing apparatus according to Claim 1, wherein said support frame includes a top deck defining openings through which said balls are projected.
- 1 12. A ball tossing apparatus according to Claim 11, where n said launch devices are disposed below said top deck at least when in a loaded position.

- 1 13. A ball tossing apparatus according to Claim 11, wherein said support frame further includes a base and sides, said base and sides together with said top deck defining an interior of said support frame, at least a portion of which is adapted for ball storage.
  - 14. A ball tossing apparatus according to Claim 11, wherein said top deck is rectangular.
  - 15. A ball tossing apparatus according to Claim 1, further comprising a handle, coupled to said support frame, to facilitate transportation of said ball tossing apparatus.
  - 16. A ball tossing apparatus according to Claim 1, wherein said support frame is recessed in a floor of a permanent structure.
  - 17. A ball tossing apparatus according to Claim 1, wherein said support frame includes indicia of a baseball home plate.
- 1 18. A ball tossing apparatus according to Claim 7, wherein the position of said indicia 2 is adjustable.
- 1 19. A ball tossing apparatus according to Claim 1, further including an electronic control 2 system comprising:
- a processing unit for executing data and code; and
- 4 memory for storing data and code, said code including a launch module for
- 5 sequentially activating said plurality of launch devices.

- 20. A ball tossing apparatus according to Claim 19, further including a user interface for receiving input from a user.
- 21. A ball tossing apparatus according to Claim 20, wherein said user interface
   comprises a keypad.
  - 22. A ball tossing apparatus according to Claim 20, wherein said user interface comprises a remote control, whereby said balls may be sequentially launched remotely.
  - 23. A ball tossing apparatus according to Claim 20, wherein said launch module, responsive to instructions from a user, is operative to execute one of a plurality of predetermined launch sequences.
  - 24. A ball tossing apparatus according to Chaim 20, wherein said launch module, responsive to instructions from said user, is operative to receive and store a launch sequence input by said user.
- 1 25. A ball tossing apparatus according to Claim 24, wherein said launch module,
- 2 responsive to instructions from said user, is operative to execute said launch sequence input by
- 3 said user.

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- 26. A ball tossing apparatus according to Claim 20, wherein said code further includes a random sequence generator operative to generate a random launch sequence.
- 27. A ball cossing apparatus according to Claim 19, wherein said code further includes at least one predefined launch sequence.
  - 28. A ball tossing apparatus according to Claim 19, wherein said code further includes a random sequence generator for generating a random launch sequence.
    - 29. A ball tossing apparatus according to Claim 28, wherein:
      said code further comprises at least one predefined launch sequence; and
      said control system further includes a user interface to enable a user to select
      between a predefined launch sequence and a random launch sequence.
  - 30. A ball tossing apparatus according to Claim 29, wherein said user interface further enables said user to input a launch sequence.
- 31. A ball tossing apparatus according to Claim 19, wherein:

  said control system further includes a user input device for receiving launch

  instructions from a user; and

  said launch module responsive to each received launch instruction is operative to

activate a single one of said launch devices.

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- 32. Aball tossing apparatus according to Claim 31, wherein said launch module responsive to each subsequently received launch instruction is operative to activate a next one of
- 3 said launch devices according to a predetermined launch sequence.
  - 33. A ball tossing apparatus according to Claim 31, wherein said launch module responsive to each subsequently received launch instruction is operative to activate a next one of said launch devices depending on a value of said subsequently received launch instruction.
    - 34. A method for sequentially launching a plurality of balls, said method comprising:
      loading said plurality of balls into a corresponding plurality of launch devices
      arranged in a two-dimensional array; and
      launching said balls according to a launch sequence.
  - 35. A method for sequentially launching a plurality of balls according to Claim 34, wherein said step of loading said plurality of balls includes loading each of said balls in one of a plurality of loaded positions, each of said loaded positions corresponding to a different launch height.
- 1 36. A method for sequentially launching a plurality of balls according to Claim 34,
- wherein said step of launching said balls includes selecting said launch sequence.

- 1 37. A method for sequentially launching a plurality of balls according to Claim 36,
- 2 wherein said stèp of selecting said launch sequence includes receiving said launch sequence from
- 3 a user.
- 1 38. A method for sequentially launching a plurality of balls according to Claim 37,
- 2 wherein said step of receiving said launch sequence from said user includes storing said launch
- 3 sequence for later retrieval.
  - 39. A method for sequentially launching a plurality of balls according to Claim 37, wherein said step of selecting said launch sequence includes generating a random launch sequence.
  - 40. A method for sequentially launching a plurality of balls according to Claim 36, wherein said step of selecting said launch sequence includes retrieving a predefined launch sequence from a plurality of predefined launch sequences.
- 1 41. A method for sequentially launching a plurality of balls according to Claim 40,
- 2 wherein said step of retrieving a predefined launch sequence from memory includes retrieving a
- 3 predefined launch sequence previously input by a user.
- 1 42. A method for sequentially launching a plurality of balls according to Claim 34,
- 2 wherein said step of launching said balls further includes, launching each of said balls upon
- 3 receipt of a separate user input launch instruction.

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- 43. A method for sequentially launching a plurality of balls according to Claim 42, wherein said launch instructions are generated remotely.
  - 44. A method according to Claim 34, wherein said launch sequence is determined according to values of user input launch instructions received prior to the launch of each of said balls.
  - 45. A computer-readable medium having code embodied therein for causing an electronic device to perform the method of Claim 34.
  - 46. A computer-readable medium having code embodied therein for causing an electronic device to perform the method of Claim 35.
  - 47. A computer-readable medium having code embodied therein for causing an electronic device to perform the method of Claim 36.
  - 48. A computer-readable medium having code embodied therein for causing an electronic device to perform the method of Claim 37.
- 49. A computer-readable medium having code embodied therein for causing an electronic device to perform the method of Claim 38.
- 50. A computer-readable medium having code embodied therein for causing an electronic device to perform the method of Claim 39.
- 51. A computer-readable medium having code embodied therein for causing an electronic device to perform the method of Claim 40.

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- 52. A computer-readable medium having code embodied therein for causing an electronic device to perform the method of Claim 41.
- 53. A computer-readable medium having code embodied therein for causing an electronic device to perform the method of Claim 42.
  - 54. A computer-readable medium having code embodied therein for causing an electronic device to perform the method of Claim 43.
  - 55. A computer-readable medium having code embodied therein for causing an electronic device to perform the method of Claim 44.
    - 56. A ball tossing apparatus comprising:

      a plurality of ball launch devices arranged in a two-dimensional array; and
      means for sequentially activating said launch devices.